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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Ivan Melnyk

Serial No. :

Filing Date : Herewith

Examiner :

Group Art Unit:

Title : OPTICAL DEVICE AND METHOD FOR SENSING  
MULTIPHASE FLOW

Attorney File : OY4247US (#90571)

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Commissioner for Patents  
P O Box 1450  
Alexandria, Virginia, 22313-1450U S PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name
_____	4,201,467	5/6/80	Hartmann, et al.
_____	4,251,733	2/17/81	Hirleman, Jr.
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_____	6,570,647	5/27/03	Meili
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U.S. Published Applications

Examiner Initial	Document Number	Date	Name
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Foreign Patent Documents

Examiner Initial	Document Number	Date	Country	Translation (Yes/No)
_____	WO02/077578	10/3/02	WO	No

Other Prior Art (Inc. Author, Title, Date, Pertinent Pages, Etc)

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Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant